

Seaview Square Mall

Summary

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Owner: Seaview Square Joint Venture & Goodman Company
P.O. Box 2523
Allentown, PA
Contact: Robert Dolan 215-434-4444
Block 141 Lot 1 C1-C4

Sears Roebuck & Company
555 E. Lancaster Avenue
St. Davids, PA
Block 141 Lot 2

Strano, P. Herman, R. Meckler, S. Burke
3408 Sunset Avenue
Ocean, New Jersey
Block 142 Lot 1

Previous Owner: Keator Realty Corp.
(1974,1973,1972) P.O. Box 326
Plainfield, New Jersey
Block 141 Lots 1 & 2

Town Contact: Hugh Mc Closkey, Town Engineer
Ocean Township
201-531-5000

Site Description:

The Seaview Square Mall was constructed in 1976 and is approximately 25-30 acres in size. The mall sits atop the site of a landfilling area operated by M&T DeLisa which is of 132 acres and operated for approximately 30 years prior to 1975 when the landfill was closed. The property is bordered by Routes 18, 66 and 35 to the west, south and east respectively. An industrial Park lies to the north with the following companies present:

Allied Boiler Repair Company
Phillips Wire Forming Company
Cafiero Sheet Metal
N. American Paint Company
Anglo American Paint Company

Landfill material, according to the engineering plans in the possession of the Township Engineer, was used in the grading of the mall parking lot area.

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A leachate collection system lies along the perimeter of the western and southern portions of the parking lot. A small stream about 100 feet outside the parking lot area borders the property on the west and south and empties into Deal Lake which is less than 1 mile away. Deal Lake is freshwater and occasionally used for recreational fishing according to the Township Engineer.

Observations:

Samples were taken in June 1980 of the leachate collection tank and the stream. No organics and only trace metals were found in the leachate collection tank. Downstream and upstream sediment samples of the small stream on the property showed the following:

<u>Chemical</u>	<u>Downstream</u>	<u>Upstream</u>
Flouranthene	450 ug/kg	-----
Arsenic	4600 ug/kg	1000 ug/kg
Copper	9000 ug/kg	3300 ug/kg
Mercury	690 ug/kg	230 ug/kg
Lead	65000 ug/kg	59000 ug/kg
Zinc	30000 ug/kg	14000 ug/kg

There is some question over the validity of the upstream sample as a follow-up site inspection revealed the presence of municipal waste in erosion gullies in the area of the upstream sample.

No monitoring or private drinking water wells are present at the site. A pumping station lies to the southeast about 1 mile from the site. To date no samples have been taken of groundwater nor have samples been obtained of sediment or water column entering Deal Lake

Hazard Identification:

Insufficient data exists to make a determination of the seriousness of this site regarding its health or environmental impact. Arsenic, copper, mercury, lead and zinc have been found in soils naturally at the concentrations detected (memorandum 11/6/80 from USEPA Field Studies Branch to Julio Morales). Samples of the public water well, at the inlet to Deal Lake and upstream of the site are necessary prior to a final determination of the site. It may be advisable however, to call in the management of Seaview Square to discuss the problem. As this investigation involves an area of high public activity the mall management may be willing to initiate an investigative and remedial program on their own.

Additional Data Requirements

During Spring and after a period of high rainfall sample upstream and downstream (for heavy metals and hardness) the swale along the ~~Eastern~~ *Western* & Southern property boundaries. In addition, sample inlet to Deal Lake for heavy metals and hardness.

Obtain data on aquatic population of Deal Lake and determine if lake is used for recreational purposes (e.g. fishing, swimming, etc).